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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/535,749	01/23/2006	Graham Robinson	W004 P01185-US	9054

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EXAMINER

CHIN SHUE, ALVIN C

ART UNIT	PAPER NUMBER
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3634

MAIL DATE	DELIVERY MODE
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11/02/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/535,749

Applicant(s)

ROBINSON, GRAHAM

Examiner

Alvin C. Chin-Shue

Art Unit

3634

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 August 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 8-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 8-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 8 is rejected under 35 U.S.C. 102(b) as being clearly anticipated by G.B. pat. '621 to McColgan. McColgan shows projections at 3.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 25-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over McColgan. It would have been obvious to one of ordinary skill in the art at the time the invention was made to fabricate the support from polypropylene by the selection from known materials for their known advantages and on the basis of their suitability for a particular use, and to maximize the ground engaging projection to be over one thousand, this being no more than an obvious design choice not expected to produce a new or unexpected result and which can be determined through routine experiment and optimization.

Claims 8-10 and 15-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over McColgan in view of Botbol or Tan. McColgan shows the claimed apparatus with the exception of the pointed upstanding projections. Botbol and Tan show bases having projections at 18 and 20, respectively, to provide a non-slip surface. It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the ladder engaging surface of McColgan to comprise projections, as taught by either Botbol or Tan, to provide a non-slip surface.

Claims 11,13 and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over McColgan in view of Kalfen. McColgan shows the claimed apparatus with the exception of the upstanding projections provided by galvanized steel plates. Kalfen shows a base having projections at 16 and 20 provided by galvanized steel plates to provide a non-slip surface. It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the ladder and ground engaging surfaces of McColgan to comprise projections, as taught by Kalfen, to provide a non-slip surfaces.

Claim 12 is rejected under 35 U.S.C. 103(a) as being unpatentable over McColgan and Kalfen, as applied to claim 11 above, and further in view of Fies. Fies shows pointed-shaped projections to be a conventional shape. It would have

been obvious to one of ordinary skill in the art at the time the invention was made to modify the projections, as taught by Kalfen, to pointed to enhance frictional engagement.

Claims 23 and 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over McColgan in view of Davis. McColgan shows the claimed apparatus with the exception of the pointed upstanding projections. Davis shows a base having an opening for a handle. It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the base of McColgan to comprise an opening, as taught by Davis, to facilitate carrying.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alvin C. Chin-Shue whose telephone number is 571-272-6828. The examiner can normally be reached on Monday-Friday, 8:00 a.m. - 4:30 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Brian Glessner can be reached on 571-272-6843. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Alvin C. Chin-Shue
Primary Examiner
Art Unit 3634

ACS